



ELSEVIER

2 March 2001

Chemical Physics Letters 335 (2001) 567–575

**CHEMICAL
PHYSICS
LETTERS**

www.elsevier.nl/locate/cplett

Author Index to Volume 335

- Adamowicz, L., see Cafiero, M. 335 (2001) 404
Akasaka, T., see Kubozono, Y. 335 (2001) 163
Åkesson, E., see Rasmusson, M. 335 (2001) 201
Amutha, R., V. Subramanian and B. Unni Nair, Free energy calculation for DNA bases in various solvents using Flory–Huggins theory 335 (2001) 489
Andzelm, J., R.D. King-Smith and G. Fitzgerald, Geometry optimization of solids using delocalized internal coordinates 335 (2001) 321
Armand, X., see Ténégal, F. 335 (2001) 155
Assenmacher, W., see Möschel, C. 335 (2001) 9
- Baer, M. and R. Englman, Electronic non-adiabatic transitions: the line integral and approximations 335 (2001) 85
Barone, V., see di Matteo, A. 335 (2001) 427
Barrientos, C., see Redondo, P. 335 (2001) 64
Barros, W., see Hallwass, F. 335 (2001) 43
Baudin, M., M. Wojcik, K. Hermansson, A.E.C. Palmqvist and M. Muhammed, MD simulations of a doped ceria surface – very large surface ion motion 335 (2001) 517
Bazalgette Courrèges-Lacoste, G., J.P. Sprengers, J. Bulthuis, S. Stolte, T. Motylewski and H. Linnartz, Vibrationally excited state spectroscopy of radicals in a supersonic plasma 335 (2001) 209
Becucci, M., see Pietraperzia, G. 335 (2001) 195
Besemann, D.M., see Murdoch, K.M. 335 (2001) 349
Birkett, P.R., see Rice, J.H. 335 (2001) 553
Blanco, F., see Garcia, G. 335 (2001) 227
Borissevitch, G.P., see Haas, H. 335 (2001) 510
Brabec, C.J., see Miller, E.K. 335 (2001) 23
Bradley, D.D.C., see Cerullo, G. 335 (2001) 27
Bréchnignac, C., Ph. Cahuzac, B. Concina, J. Leygnier, B. Villard, P. Parneix and Ph. Bréchnignac, Experimental evidence for anharmonic and rotational effects in the evaporation of sodium clusters 335 (2001) 34
Bréchnignac, Ph., see Bréchnignac, C. 335 (2001) 34
Bródka, A., see Gwóźdz, E. 335 (2001) 71
Buchachenko, A.A., see Krems, R.V. 335 (2001) 273
Bulthuis, J., see Bazalgette Courrèges-Lacoste, G. 335 (2001) 209
Burt, S.K., see Rashin, A.A. 335 (2001) 327
- Caetano, W., see Haas, H. 335 (2001) 510
Cafiero, M. and L. Adamowicz, Simultaneous optimization of molecular geometry and the wave function in a basis of Singer's *n*-electron explicitly correlated Gaussians 335 (2001) 404

- Cahuzac, Ph., see Bréchnignac, C. 335 (2001) 34
Canuto, S., see Rocha, W.R. 335 (2001) 127
Cao, A., L. Ci, D. Li, B. Wei, C. Xu, J. Liang and D. Wu, Vertical aligned carbon nanotubes grown on Au film and reduction of threshold field in field emission 335 (2001) 150
Castellucci, E., see Pietraperzia, G. 335 (2001) 195
Ceruleo, G., S. Stagira, M. Zavelani-Rossi, S. De Silvestri, T. Virgili, D.G. Lidzey and D.D.C. Bradley, Ultrafast Förster transfer dynamics in tetraphenylporphyrin doped poly(9,9-dioctylfluorene) 335 (2001) 27
Chambaud, G., see Léonard, C. 335 (2001) 97
Chan, J.C.C., C-REDOR: rotational echo double resonance under very fast magic-angle spinning 335 (2001) 289
Chaplin, M.F., see Manos, G. 335 (2001) 77
Chen, H., Y. Li and A.S.-C. Cheung, Laser spectroscopy of the $B^2\Sigma^+-X^2\Sigma^+$ transition of TiN 335 (2001) 388
Chen, H.-Y. and W.-S. Sheu, Iodine effect on the relaxation pathway of photoexcited $I^-(H_2O)_n$ clusters 335 (2001) 475
Chen, Z., see Lin, G. 335 (2001) 249
Cheung, A.S.-C., see Chen, H. 335 (2001) 388
Ci, L., see Cao, A. 335 (2001) 150
Collins, M.A., see Song, K. 335 (2001) 481
Concina, B., see Bréchnignac, C. 335 (2001) 34
Condon, N.J., see Murdoch, K.M. 335 (2001) 349
Couris, S., see Juha, L. 335 (2001) 539
Couris, S., see Koudoumas, E. 335 (2001) 533
Coutinho, K., see Rocha, W.R. 335 (2001) 127
Czuchaj, E. and M. Krośnicki, CCSD(T) calculation of the ground-state potential curves for the Zn-rare gas van der Waals molecules 335 (2001) 440

de Almeida, W.B., see Rocha, W.R. 335 (2001) 127
De Silvestri, S., see Cerullo, G. 335 (2001) 27
Delgado-Barrio, G., see González-Lezana, T. 335 (2001) 105
di Matteo, A., M. Di Valentin, G. Giacometti and V. Barone, Structure and magnetic properties of aza-aromatic triplet states. The case of quinoxaline 335 (2001) 427
Di Valentin, M., see di Matteo, A. 335 (2001) 427
Dong, J., see Zhang, L. 335 (2001) 334
Dorai, K. and A. Kumar, Fluorine chemical shift tensors in substituted fluorobenzenes using cross correlations in NMR relaxation 335 (2001) 176
Du, S., see Li, Y. 335 (2001) 524
Du, Z., see Manos, G. 335 (2001) 77
Dunne, L.J., see Manos, G. 335 (2001) 77

Ederle, Y., see Koudoumas, E. 335 (2001) 533
Ehrenberg, B., see Juha, L. 335 (2001) 539
Emura, S., see Kubozono, Y. 335 (2001) 163
Engelsberg, M., see Hallwass, F. 335 (2001) 43
Englman, R., see Baer, M. 335 (2001) 85

Fedorov, D.G., T. Nakajima and K. Hirao, Analytic gradient for the relativistic elimination of small components (RESCs) approach 335 (2001) 183

- Fetisova, Z.G., see Novoderezhkin, V. 335 (2001) 234
- Filali-Mouhim, A., see Meesungnoen, J. 335 (2001) 458
- Fitzgerald, G., see Andzelm, J. 335 (2001) 321
- Fonseca, A., see Pierard, N. 335 (2001) 1
- Galaup, J.-P., see Rice, J.H. 335 (2001) 553
- García, G., F. Blanco and A. Willart, Cross-sections for electron scattering by O₂ at intermediate and high energies, 0.1-10 keV 335 (2001) 227
- Geen, H., see Heindrichs, A.S.D. 335 (2001) 89
- Ghosh, R., see Mandal, S.H. 335 (2001) 281
- Giacometti, G., see di Matteo, A. 335 (2001) 427
- Gianturco, F.A., see González-Lezana, T. 335 (2001) 105
- Giordani, C., see Heindrichs, A.S.D. 335 (2001) 89
- Goldmann, M., see Haas, H. 335 (2001) 510
- González, M., I. Miquel and R. Sayós, VTST kinetics study of the N(²D)+O₂(X³Σ_g⁻)→NO(X²Π)+O(³P,¹D) reactions based on CASSCF and CASPT2 ab initio calculations including excited potential energy surfaces 335 (2001) 339
- González-Lezana, T., D. Lopez, S. Miret-Artés, F.A. Gianturco, G. Delgado-Barrio and P. Villarreal, Rotation-vibration interaction in ⁴He trimers 335 (2001) 105
- Gu, J. and J. Leszczynski, The structure, stability, H-bonding pattern, and electrostatic potential of adenine tetrads 335 (2001) 465
- Gwóźdź, E., K. Pasterny and A. Bródka, Planar anchoring of polar liquid crystal molecules in slit pore-molecular dynamics simulation study 335 (2001) 71
- Ha, T.-K., see Nguyen, M.T. 335 (2001) 311
- Haas, H., W. Caetano, G.P. Borissevitch, M. Tabak, M.I. Mosquera Sanchez, O.N. Oliveira, E. Scalas and M. Goldmann, Interaction of dipyrindimole with phospholipid monolayers at the air-water interface: Surface pressure and grazing incidence X-ray diffraction studies 335 (2001) 510
- Hallwass, F., M. Engelsberg, A.M. Simas and W. Barros, Diffusion, reaction kinetics and exchange of sodium in aqueous solutions containing a crown ether 335 (2001) 43
- Hamplová, V., see Juha, L. 335 (2001) 539
- Harper, W.W., S.A. Nizkorodov and D.J. Nesbitt, Differential scattering dynamics of F+CH₄→HF(*v*,*J*)+CH₃ via high-resolution IR laser dopplerimetry 335 (2001) 381
- Hasegawa, J., K. Pierloot and B.O. Roos, Ground state structure of CuO₂: a CASPT2 study 335 (2001) 503
- Hayazawa, N., Y. Inouye, Z. Sekkat and S. Kawata, Near-field Raman scattering enhanced by a metallized tip 335 (2001) 369
- He, Y. and B.J. Orr, Optical heterodyne signal generation and detection in cavity ringdown spectroscopy based on a rapidly swept cavity 335 (2001) 215
- Heeger, A.J., see Miller, E.K. 335 (2001) 23
- Heindrichs, A.S.D., H. Geen, C. Giordani and J.J. Titman, Improved scalar shift correlation NMR spectroscopy in solids 335 (2001) 89
- Herlin-Boime, N., see Ténégal, F. 335 (2001) 155
- Hermansson, K., see Baudin, M. 335 (2001) 517
- Hirao, K., see Fedorov, D.G. 335 (2001) 183
- Hoffmann, V., see Kurt, R. 335 (2001) 545
- Horiai, K., see Ozaki, Y. 335 (2001) 188
- Huang, Y., see Li, Y. 335 (2001) 524

- Ichida, M., see Sakai, M. 335 (2001) 559
 Ichikawa, T., see Takada, T. 335 (2001) 375
 Inouye, Y., see Hayazawa, N. 335 (2001) 369
 Isobe, H., see Takano, Y. 335 (2001) 395
 Itaya, A., see Miyasaka, H. 335 (2001) 496
 Ito, M., see Nakamura, M. 335 (2001) 170
- Jansen, M., see Möschel, C. 335 (2001) 9
 Jay-Gerin, J.-P., see Meesungnoen, J. 335 (2001) 458
 Jia, Z., see Su, H. 335 (2001) 17
- Juha, L., B. Ehrenberg, S. Couris, E. Koudoumas, S. Leach, V. Hamplová, Z. Pokorná, A. Müllerová and P. Kubát, Single-photon photolysis of C_{60} , C_{70} , C_{76} , and C_{84} in solutions 335 (2001) 539
- Kaneko, K., see Li, D. 335 (2001) 50
- Karantonis, A., Y. Shiomi and S. Nakabayashi, One-dimensional discrete maps for periodic laser forcing on electrochemical oscillators 335 (2001) 221
- Karimi, A., see Kurt, R. 335 (2001) 545
- Kashino, S., see Kubozono, Y. 335 (2001) 163
- Kawata, M., see Okabe, T. 335 (2001) 435
- Kawata, S., see Hayazawa, N. 335 (2001) 369
- King-Smith, R.D., see Andzelm, J. 335 (2001) 321
- Knowles, P.J., see Manby, F.R. 335 (2001) 409
- Kobayashi, K., see Kubozono, Y. 335 (2001) 163
- Koizumi, H., see Takada, T. 335 (2001) 375
- Kondo, M., see Kubozono, Y. 335 (2001) 163
- Konno, T., see Ozaki, Y. 335 (2001) 188
- Konstantaki, M., see Koudoumas, E. 335 (2001) 533
- Konya, Z., see Pierard, N. 335 (2001) 1
- Kotani, S., see Miyasaka, H. 335 (2001) 496
- Koudoumas, E., M. Konstantaki, A. Mavromanolakis, S. Couris, Y. Ederle, C. Mathis, P. Seta and S. Leach, Ultrafast nonlinear optical response of C_{60} -polystyrene star polymers 335 (2001) 533
- Koudoumas, E., see Juha, L. 335 (2001) 539
- Krems, R.V., A.A. Buchachenko, N. Marković and S. Nordholm, On the role of interaction anisotropy in vibrational relaxation of HF and HCl by Ar 335 (2001) 273
- Kreye, W.C. and P.G. Seybold, Ab initio study of the energetics and thermodynamics of hydrogen abstraction from fluoromethanes by $O(^3P)$. II: $CF_nH_{4-n} + O(^3P) \rightarrow CF_nH_{4-n} \dots O \rightarrow CF_nH_{3-n} + OH$ ($n=0,1,2$) 335 (2001) 257
- Krośnicki, M., see Czuchaj, E. 335 (2001) 440
- Kubát, P., see Juha, L. 335 (2001) 539
- Kubo, S., see Takano, Y. 335 (2001) 395
- Kubozono, Y., Y. Takabayashi, S. Kashino, M. Kondo, T. Wakahara, T. Akasaka, K. Kobayashi, S. Nagase, S. Emura and K. Yamamoto, Structure of $La_2@C_{80}$ studied by La K-edge XAFS 335 (2001) 163
- Kumar, A., see Dorai, K. 335 (2001) 176
- Kurt, R., A. Karimi and V. Hoffmann, Growth of decorated carbon nano-tubes 335 (2001) 545

- Lakin, N.M., see Léonard, C. 335 (2001) 97
- Largo, A., see Redondo, P. 335 (2001) 64
- Leach, S., see Juha, L. 335 (2001) 539
- Leach, S., see Koudoumas, E. 335 (2001) 533
- Léonard, C., D. Panten, N.M. Lakin, G. Chambaud and P. Rosmus, A theoretical study of the Renner–Teller effect in the $\tilde{X}^2\Pi_g$ state of C_3^- 335 (2001) 97
- Leszczynski, J., see Gu, J. 335 (2001) 465
- Leygnier, J., see Bréchignac, C. 335 (2001) 34
- Li, D. and K. Kaneko, Hydrogen bond-regulated microporous nature of copper complex-assembled microcrystals 335 (2001) 50
- Li, D., see Cao, A. 335 (2001) 150
- Li, W.Z., D.Z. Wang, S.X. Yang, J.G. Wen and Z.F. Ren, Controlled growth of carbon nanotubes on graphite foil by chemical vapor deposition 335 (2001) 141
- Li, Y., see Chen, H. 335 (2001) 388
- Li, Y., Y. Huang, S. Du and R. Liu, Structures and stabilities of C_{60} -rings 335 (2001) 524
- Liang, J., see Cao, A. 335 (2001) 150
- Liao, X., see Lin, G. 335 (2001) 249
- Lichanot, A., see Tappero, R. 335 (2001) 449
- Lidzey, D.G., see Cerullo, G. 335 (2001) 27
- Lin, D., see Lin, G. 335 (2001) 249
- Lin, G., Z. Chen, J. Zhong, D. Lin and X. Liao, A novel propagator approach for NMR signal attenuation due to anisotropic diffusion under various magnetic field gradients 335 (2001) 249
- Linnartz, H., see Bazalgette Courrèges-Lacoste, G. 335 (2001) 209
- Liu, R., see Li, Y. 335 (2001) 524
- Lloyd, A.W., see Manby, F.R. 335 (2001) 409
- Loa, I., see Möschel, C. 335 (2001) 9
- Lopez, D., see González-Lezana, T. 335 (2001) 105
- López-Tocón, I., see Pietraperzia, G. 335 (2001) 195
- Lozovik, Yu.E. and A.M. Popov, Erratum to: "Orientational melting of two-shell carbon nanoparticles: molecular dynamics study" [Chemical Physics Letters 328 (2001) 355–362] 335 (2001) 348
- Lund, A., see Takada, T. 335 (2001) 375
- Manby, F.R., P.J. Knowles and A.W. Lloyd, Density matrix functional theory in average and relative coordinates 335 (2001) 409
- Mandal, S.H., R. Ghosh and D. Mukherjee, A non-perturbative cumulant expansion method for the grand partition function of quantum systems 335 (2001) 281
- Mankhetkorn, S., see Meesungnoen, J. 335 (2001) 458
- Manos, G., L.J. Dunne, M.F. Chaplin and Z. Du, Comparative study of Monte Carlo simulations and exact statistical mechanical lattice model of commensurate transitions of alkanes adsorbed in zeolites 335 (2001) 77
- Marković, N., see Krems, R.V. 335 (2001) 273
- Marsh, R.J. and A.J. McCaffery, Rotational transfer in diatom–diatom collisions 335 (2001) 134
- Mathis, C., see Koudoumas, E. 335 (2001) 533
- Mavromanolakis, A., see Koudoumas, E. 335 (2001) 533
- Mayne, M., see Ténégal, F. 335 (2001) 155
- McCaffery, A.J., see Marsh, R.J. 335 (2001) 134

- Meesungnoen, J., J.-P. Jay-Gerin, A. Filali-Mouhim and S. Mankhetkorn, Monte-Carlo calculation of the primary H⁺ atom yield in liquid water radiolysis: effects of radiation type and temperature 335 (2001) 458
- Meyer, K.A., see Murdoch, K.M. 335 (2001) 349
- Mikami, M., see Okabe, T. 335 (2001) 435
- Mikami, M., see Shinoda, W. 335 (2001) 265
- Miller, E.K., C.J. Brabec, H. Neugebauer, A.J. Heeger and N. Serdar Sariciftci, Polarized doping-induced infrared absorption in highly oriented conjugated polymers 335 (2001) 23
- Miller, T.A., see Zalyubovskiy, S.J. 335 (2001) 298
- Miquel, I., see González, M. 335 (2001) 339
- Miret-Artés, S., see González-Lezana, T. 335 (2001) 105
- Miyasaka, H., S. Kotani, T. Ota and A. Itaya, Formation of extremely long-lived charge-separated state by two-photon ionization in poly(*N*-vinylcarbazole) adsorbed on a macroreticular resin 335 (2001) 496
- Möschel, C., A. Reich, W. Assenmacher, I. Loa and M. Jansen, Onion-like marbles and bats: new morphological forms of carbon 335 (2001) 9
- Mosquera Sanchez, M.I., see Haas, H. 335 (2001) 510
- Mostafavi, M., see Renou, F. 335 (2001) 363
- Motylewski, T., see Bazalgette Courrèges-Lacoste, G. 335 (2001) 209
- Muhammed, M., see Baudin, M. 335 (2001) 517
- Mukherjee, D., see Mandal, S.H. 335 (2001) 281
- Müllerová, A., see Juha, L. 335 (2001) 539
- Murdoch, K.M., N.J. Condon, W. Zhao, D.M. Besemann, K.A. Meyer and J.C. Wright, Isotope and mode selectivity in two-dimensional vibrational four wave mixing spectroscopy 335 (2001) 349
- Nagase, S., see Kubozono, Y. 335 (2001) 163
- Nagy, J.B., see Pierard, N. 335 (2001) 1
- Nakabayashi, S., see Karantonis, A. 335 (2001) 221
- Nakajima, T., see Fedorov, D.G. 335 (2001) 183
- Nakamura, A., see Sakai, M. 335 (2001) 559
- Nakamura, M. and M. Ito, Coadsorption of water monomers with CO on Ru(001) and charge transfer during hydration processes 335 (2001) 170
- Nesbitt, D.J., see Harper, W.W. 335 (2001) 381
- Neugebauer, H., see Miller, E.K. 335 (2001) 23
- Nguyen, M.T. and T.-K. Ha, Decomposition mechanism of the polynitrogen N₅ and N₆ clusters and their ions 335 (2001) 311
- Nizkorodov, S.A., see Harper, W.W. 335 (2001) 381
- Nordholm, S., see Krems, R.V. 335 (2001) 273
- Novoderezhkin, V., A. Taisova and Z.G. Fetisova, Unit building block of the oligomeric chlorosomal antenna of the green photosynthetic bacterium *Chloroflexus aurantiacus*: modeling of nonlinear optical spectra 335 (2001) 234
- Okabe, T., M. Kawata, Y. Okamoto and M. Mikami, Replica-exchange Monte Carlo method for the isobaric-isothermal ensemble 335 (2001) 435
- Okamoto, Y., see Okabe, T. 335 (2001) 435
- Oliveira, O.N., see Haas, H. 335 (2001) 510
- Onishi, T., see Takano, Y. 335 (2001) 395

- Ornellas, F.R., Theoretical spectroscopic characterization of the $B^2\Sigma^+$ state of SiP and of the $X^2\Pi-B^2\Sigma^+$ and $A^2\Sigma^+-B^2\Sigma^+$ transitions 335 (2001) 420
- Orr, B.J., see He, Y. 335 (2001) 215
- Ota, T., see Miyasaka, H. 335 (2001) 496
- Ozaki, Y., K. Horiai, T. Konno and H. Uehara, Infrared absorption spectroscopy of $Ar-^{12}C^{18}O_2$: change in the intramolecular potential upon complex formation 335 (2001) 188
- Pace, I.D., see Pietraperzia, G. 335 (2001) 195
- Palmqvist, A.E.C., see Baudin, M. 335 (2001) 517
- Panten, D., see Léonard, C. 335 (2001) 97
- Parneix, P., see Bréchnignac, C. 335 (2001) 34
- Pasterny, K., see Gwózdź, E. 335 (2001) 71
- Petcu, S., see Ténégal, F. 335 (2001) 155
- Pierard, N., A. Fonseca, Z. Konya, I. Willems, G. Van Tendeloo and J.B. Nagy, Production of short carbon nanotubes with open tips by ball milling 335 (2001) 1
- Pierloot, K., see Hasegawa, J. 335 (2001) 503
- Pietraperzia, G., M. Becucci, I.D. Pace, I. López-Tocón and E. Castellucci, Rotationally resolved electronic spectroscopy of aniline excited vibronic levels 335 (2001) 195
- Pokorná, Z., see Juha, L. 335 (2001) 539
- Popov, A.M., see Lozovik, Yu.E. 335 (2001) 348
- Rashin, A.A., I.A. Topol, G.J. Tawa and S.K. Burt, Charge distributions in water and ion–water clusters 335 (2001) 327
- Rasmusson, M., A.N. Tarnovsky, E. Åkesson and V. Sundström, On the use of two-photon absorption for determination of femtosecond pump–probe cross-correlation functions 335 (2001) 201
- Redondo, P., C. Barrientos and A. Largo, Structures and stabilities of MgC_3 isomers: a theoretical study 335 (2001) 64
- Reich, A., see Möschel, C. 335 (2001) 9
- Reid, S.A., see Su, H. 335 (2001) 17
- Ren, Z.F., see Li, W.Z. 335 (2001) 141
- Renou, F. and M. Mostafavi, Reactivity of the solvated electron toward divalent magnesium 335 (2001) 363
- Reynaud, C., see Ténégal, F. 335 (2001) 155
- Rice, J.H., J.-P. Galaup, N. Wachter, P.R. Birkett and R. Taylor, Fluorescence and phosphorescence of $C_{70}Ph_{10}$ and $C_{70}Cl_{10}$ in toluene between 5 and 300 K 335 (2001) 553
- Rocha, W.R., K. Coutinho, W.B. de Almeida and S. Canuto, An efficient quantum mechanical/molecular mechanics Monte Carlo simulation of liquid water 335 (2001) 127
- Roos, B.O., see Hasegawa, J. 335 (2001) 503
- Rosmus, P., see Léonard, C. 335 (2001) 97
- Sakai, M., M. Ichida and A. Nakamura, Raman scattering study of photopolymerization kinetics in C_{60} crystals 335 (2001) 559
- Sayós, R., see González, M. 335 (2001) 339
- Scalas, E., see Haas, H. 335 (2001) 510
- Schnell, I. and A. Watts, Towards selective recoupling and mutual decoupling of dipolar-coupled spin pairs in double-quantum magic-angle spinning NMR experiments on multiply labelled solid-state samples 335 (2001) 111

- Sekkat, Z., see Hayazawa, N. 335 (2001) 369
- Serdar Sariciftci, N., see Miller, E.K. 335 (2001) 23
- Seta, P., see Koudoumas, E. 335 (2001) 533
- Seybold, P.G., see Kreye, W.C. 335 (2001) 257
- Sheu, W.-S., see Chen, H.-Y. 335 (2001) 475
- Shi, C., see Su, H. 335 (2001) 17
- Shinoda, W. and M. Mikami, Self-guided molecular dynamics in the isothermal-isobaric ensemble 335 (2001) 265
- Shiomi, Y., see Karantonis, A. 335 (2001) 221
- Simas, A.M., see Hallwass, F. 335 (2001) 43
- Someda, K., see Takahashi, S. 335 (2001) 241
- Song, K. and M.A. Collins, A classical trajectory study of sym-triazine photodissociation on an interpolated potential energy surface 335 (2001) 481
- Sprengers, J.P., see Bazalgette Courrèges-Lacoste, G. 335 (2001) 209
- Stagira, S., see Cerullo, G. 335 (2001) 27
- Stolte, S., see Bazalgette Courrèges-Lacoste, G. 335 (2001) 209
- Su, H., Z. Jia, C. Shi, J. Xin and S.A. Reid, Study of energy transfer in $\text{KMgF}_3\text{:Eu-X}$ ($\text{X}=\text{Gd}, \text{Cr}, \text{Ce}$) by the decay model of $^6\text{P}_{7/2}$ excited state of Eu^{2+} 335 (2001) 17
- Subramanian, V., see Amutha, R. 335 (2001) 489
- Sundström, V., see Rasmusson, M. 335 (2001) 201
- Suzuki, Y., Raman spectroscopic study of hyperquenched glassy water in the presence of different non-ionic solutes 335 (2001) 357
- Tabak, M., see Haas, H. 335 (2001) 510
- Tachikawa, H. and T. Yamano, Ab initio MO calculations of hyperfine coupling constants of hydronium radical H_3O 335 (2001) 305
- Taisova, A., see Novoderezhkin, V. 335 (2001) 234
- Takabayashi, Y., see Kubozono, Y. 335 (2001) 163
- Takada, T., H. Koizumi, T. Ichikawa and A. Lund, Photoinduced isomerization of alkyl radicals in low-temperature solids: dependence of its efficiency on the position of the radical site 335 (2001) 375
- Takahashi, S. and K. Someda, Classical irregular scattering and fluctuation of quantum transition probability 335 (2001) 241
- Takano, Y., S. Kubo, T. Onishi, H. Isobe, Y. Yoshioka and K. Yamaguchi, Theoretical studies on the magnetic interaction and reversible dioxygen binding of the active site in hemocyanin 335 (2001) 395
- Tappero, R., P. Wolfers and A. Lichanot, Electronic, magnetic structures and neutron diffraction in B_1 and B_3 phases of MnS : a density functional approach 335 (2001) 449
- Tarnovsky, A.N., see Rasmusson, M. 335 (2001) 201
- Tawa, G.J., see Rashin, A.A. 335 (2001) 327
- Taylor, R., see Rice, J.H. 335 (2001) 553
- Ténégal, F., S. Petcu, N. Herlin-Boime, X. Armand, M. Mayne and C. Reynaud, Effect of the C/O ratio on the C_{60} and C_{70} formation rates in soot synthesised by laser pyrolysis of benzene-based mixtures 335 (2001) 155
- Titman, J.J., see Heindrichs, A.S.D. 335 (2001) 89
- Topol, I.A., see Rashin, A.A. 335 (2001) 327

- Uehara, H., see Ozaki, Y. 335 (2001) 188
- Unni Nair, B., see Amutha, R. 335 (2001) 489
- Van Tendeloo, G., see Pierard, N. 335 (2001) 1
- Villard, B., see Bréchnignac, C. 335 (2001) 34
- Villarreal, P., see González-Lezana, T. 335 (2001) 105
- Virgili, T., see Cerullo, G. 335 (2001) 27
- Wachter, N., see Rice, J.H. 335 (2001) 553
- Wakahara, T., see Kubozono, Y. 335 (2001) 163
- Wang, D., see Zalyubovsky, S.J. 335 (2001) 298
- Wang, D.Z., see Li, W.Z. 335 (2001) 141
- Wang, J., Photo-induced excitations in the ruthenium-catalyzed Belousov-Zhabotins-
ky reaction 335 (2001) 123
- Watts, A., see Schnell, I. 335 (2001) 111
- Wei, B., see Cao, A. 335 (2001) 150
- Wen, J.G., see Li, W.Z. 335 (2001) 141
- Willems, I., see Pierard, N. 335 (2001) 1
- Williart, A., see Garcia, G. 335 (2001) 227
- Wilson, C.C., Hydrogen atoms in acetylsalicylic acid (Aspirin): the librating methyl
group and probing the potential well in the hydrogen-bonded dimer 335 (2001) 57
- Wojcik, M., see Baudin, M. 335 (2001) 517
- Wolfers, P., see Tappero, R. 335 (2001) 449
- Wright, J.C., see Murdoch, K.M. 335 (2001) 349
- Wu, D., see Cao, A. 335 (2001) 150
- Xin, J., see Su, H. 335 (2001) 17
- Xu, C., see Cao, A. 335 (2001) 150
- Yamaguchi, K., see Takano, Y. 335 (2001) 395
- Yamamoto, K., see Kubozono, Y. 335 (2001) 163
- Yamano, T., see Tachikawa, H. 335 (2001) 305
- Yang, S.X., see Li, W.Z. 335 (2001) 141
- Yoshioka, Y., see Takano, Y. 335 (2001) 395
- Zalyubovsky, S.J., D. Wang and T.A. Miller, Observation of the $\tilde{A}-\tilde{X}$ electronic
transition of the CF_3O_2 radical 335 (2001) 298
- Zavelani-Rossi, M., see Cerullo, G. 335 (2001) 27
- Zhang, L., J. Dong and M. Zhou, Formation and characterization of the AsCO and
AsCO⁻ molecules. A matrix isolation FTIR and theoretical study 335 (2001) 334
- Zhao, W., see Murdoch, K.M. 335 (2001) 349
- Zhong, J., see Lin, G. 335 (2001) 249
- Zhou, M., see Zhang, L. 335 (2001) 334